

City of Memphis, Tennessee, The County of Shelby, Tennessee, Memphis Basketball,
191 Beale Street
Memphis, Tennessee 38103
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COPE SUMMARY

Values Throughout Report Are Expressed in Millions of USD

Visit on 05 March, 2014

RiskMark	Fire Hazard Score: 32.80	Total Score: 87.50	Ranking within Account: 1 of 1
	Equipment Hazard Score: 1.60	Potential Score: 87.50	Ranking within Industry: 55 of 1,144
	Natural Hazard Score: 26.00	Percent of Potential Score: 100%	Ranking within FM Global: 3,551 of 49,505
	Occupancy Hazard Score: 8.10		
	H. E. / Other Factors Score: 19.00		
MFL:	PD: 89.92	BI: 15.23	

Recommendation Summary: No active recommendations exist

Index 000605.52-02
Account 01-39437
Order ID 0000845627-18

Factory Mutual Insurance Company (FM Global) has developed this report for insurance underwriting purposes. The report is provided to you for informational purposes only to reduce the possibility of loss to insured property by bringing to your attention certain potential hazards or conditions. Life, safety, or health issues are not addressed. You must make the decision whether to take any action. FM Global undertakes no duty to you or any other party by providing this report or the activities on which it is based. The liability of FM Global is limited to that contained in its insurance policies.



Values

Values expressed in USD Millions

Item	Reported	Engineering
Contents	21.44	21.44
S&S	0.00	0.00
Personal Property	21.44	21.44
Building & Yard	224.76	224.76
Total PD	246.20	246.20
Total BI	5.45	5.45
TIV (PD+BI)	251.65	251.65
Effective Date	20 May 2013	05 Mar 2014
BI Duration (months)	12	12
Original Currency	USD	
Original Exchange Rate	1	
Exchange Rate Effective Date		

Occupancy

Public Auditoriums, Convention Centers, Sport Arenas, and Country Clubs

What Does this Site Do?: This multi-purpose arena is used for sporting events, music concerts, large gatherings, etc. There is an associated Administration Building and parking deck.

Comments:

No significant amount of ignitable liquids are on-site. Those that are used by the engineering/maintenance department are kept in flammable liquids cabinets.

Construction

Data in this section was directly calculated from available data for the individual buildings

Construction Type	Area (ft2)	%	# Stories Above Ground	# Basement Levels
Reinforced Concrete Construction	1,220,440	86	5	2
Concrete on Protected Steel	36,992	3	3	0
Steel Deck (1) Type Construction	149,300	11	4	0
Steel Deck (2) Type Construction	12,330	1	4	0
Total Area		1,419,062 (ft2)		

Protection

Automatic Sprinklers: Provided: 53 % Needed: 0 %

Pumper Suction Reliable: No Description:

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Water Supplies:							
Type	Name	Static Pressure (psi)			Capacity (gallons)		
Public	City of Memphis	84.0			9,999,999,999.0		
Fire Pumps:							
Name	Pump Type	Driver Type		Flow (gpm)	Pressure (psi)	Speed	
Fire Pump System	Horizontal	Electric		2,000.0	65.0	1780	
Natural Hazards				Longitude: -90.0507 Latitude: +35.13843			
Flood							
Presents a Hazard to Site? No							
Earthquake							
Presents a Hazard to Site? Moderate Zone: moderate within 500 yr ARI							
Wind							
Presents a Hazard to site? No							
Water Tests for Fire Pumps/Water Supplies							
Item	Type	Date	By	Flow Rate (gpm)	P1* (psi)	P2* (psi)	Net* (psi)
FlowPoint	Gauge Location	Comments					
Fire Pump System	Combination Test	Mar 2014	FM Global Employee	0.0	170.0	155.0	
		2 in. drain typical results. Pump running.					
Fire Pump System	Pump Test	Mar 2014	FM Global Employee	0.0	85.0	170.0	85.0
* Water/Combined Tests: P1=Static; P2=Residual							
* Pump Tests: P1=Suction; P2=Discharge; Net Head Pressure=Discharge - Suction							

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